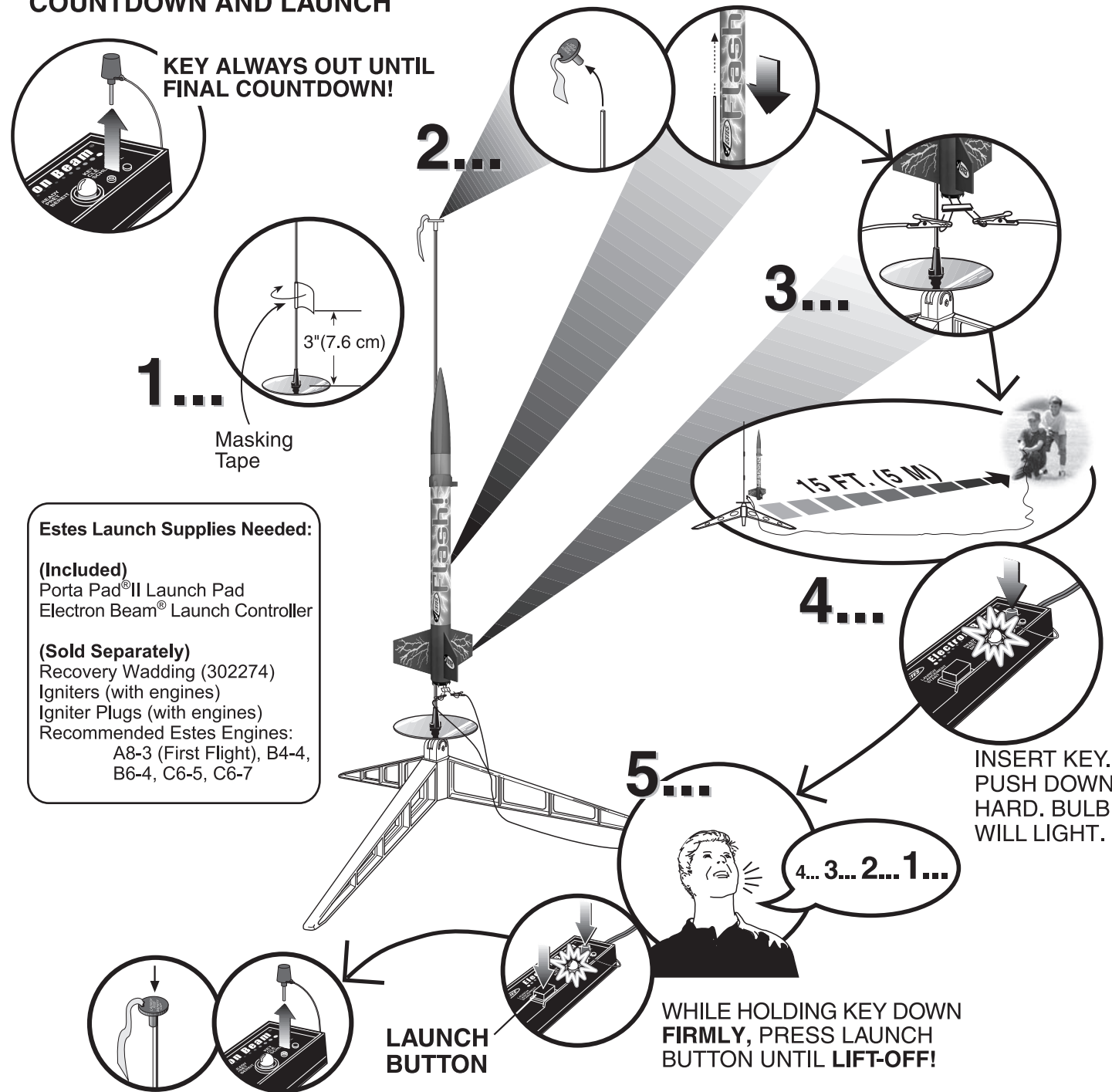


## COUNTDOWN AND LAUNCH



### Estes Launch Supplies Needed:

**(Included)**  
Porta Pad® II Launch Pad  
Electron Beam® Launch Controller

**(Sold Separately)**  
Recovery Wadding (302274)  
Igniters (with engines)  
Igniter Plugs (with engines)  
Recommended Estes Engines:  
A8-3 (First Flight), B4-4,  
B6-4, C6-5, C6-7

## PRECAUTIONS



NAR Safety Code

Please Recycle



Instruction is Recyclable Paper.

### PRE-LAUNCH CHECK

For safety, never launch a damaged rocket. Check the rocket's body, nose cone and fins. Also, check the engine mount, recovery system and launch lugs (2). Repair any damage before launching the rocket.

### FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and good visibility.

Always follow the enclosed National Association of Rocketry (NAR) SAFETY CODE.

### MISFIRES

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips and remove the engine. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.



NO DRY GRASS OR WEEDS



www.estesrockets.com

ESTES-COX CORP.  
1295 H Street,  
PO BOX 227  
Penrose, CO 81240  
PRINTED IN CHINA

### ASSEMBLY TIP:

Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

# Flash!

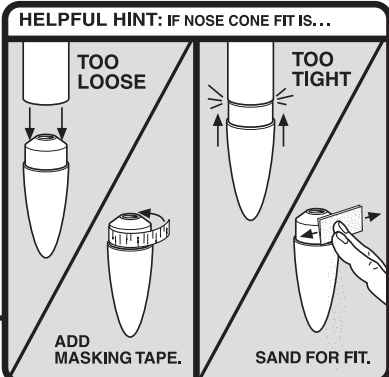
## FLYING MODEL ROCKET KIT INSTRUCTIONS

### KEEP FOR FUTURE REFERENCE

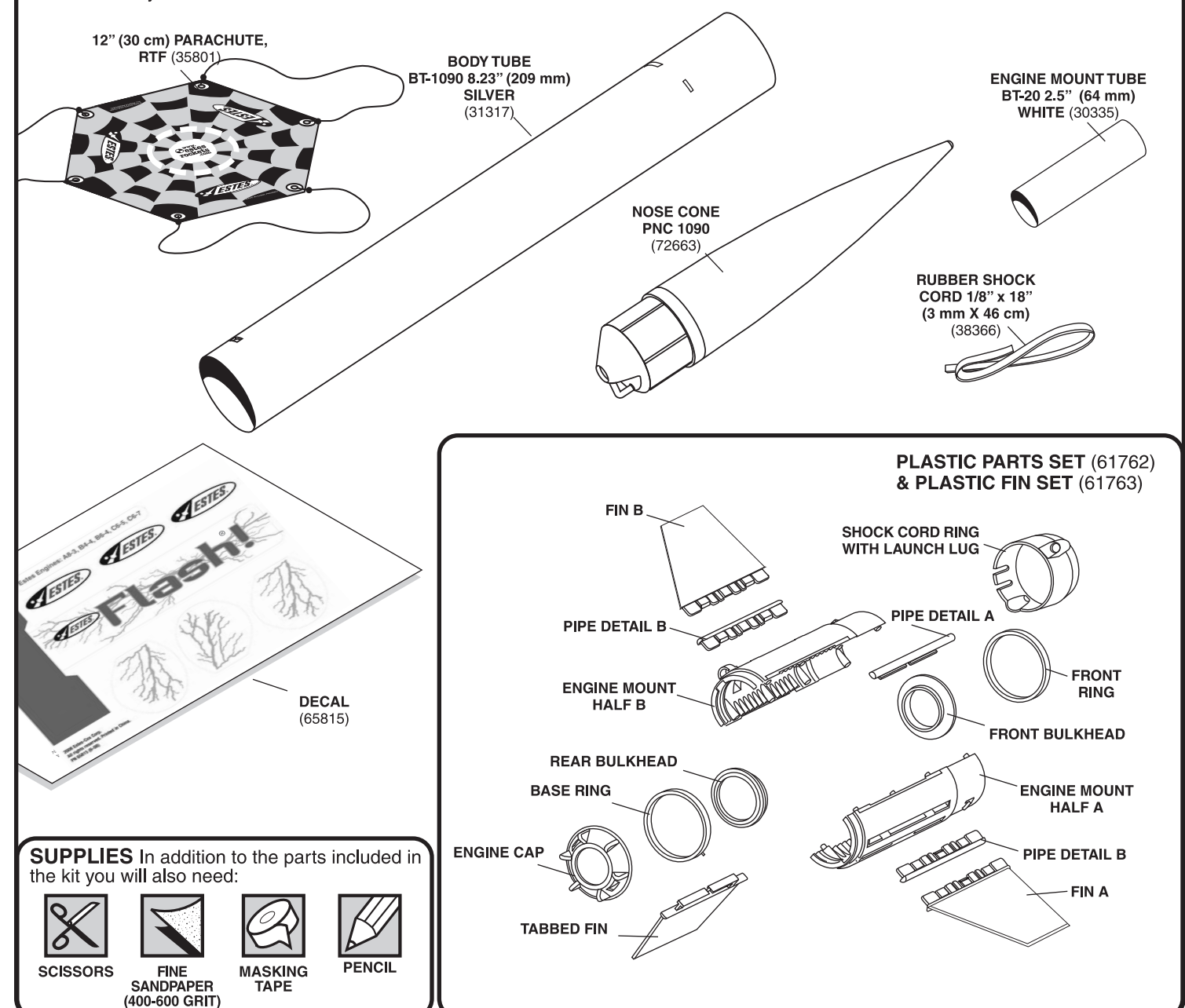
#1416



Please refer to included Launch Set instructions for parts identification, assembly and use of the Estes Launch System.



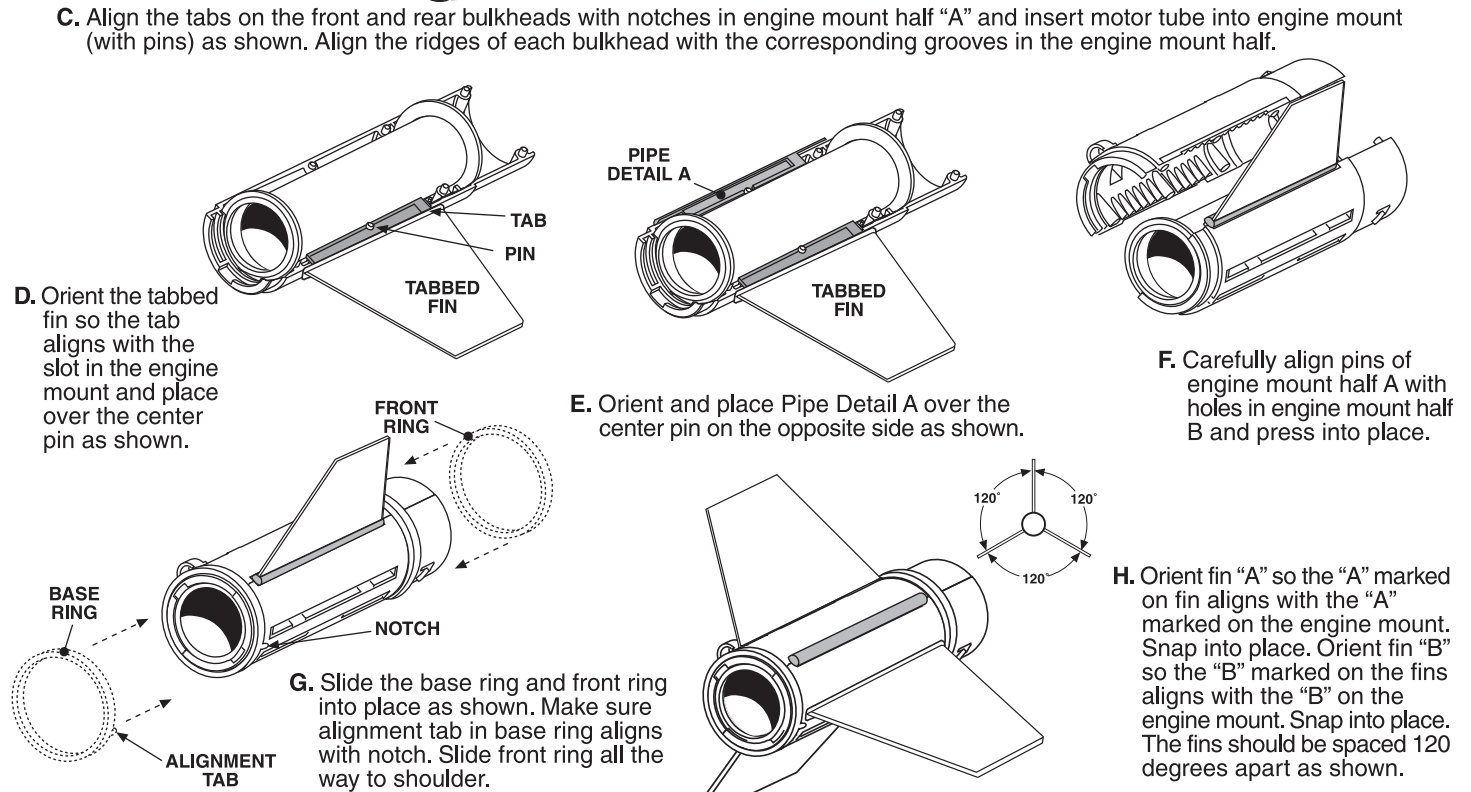
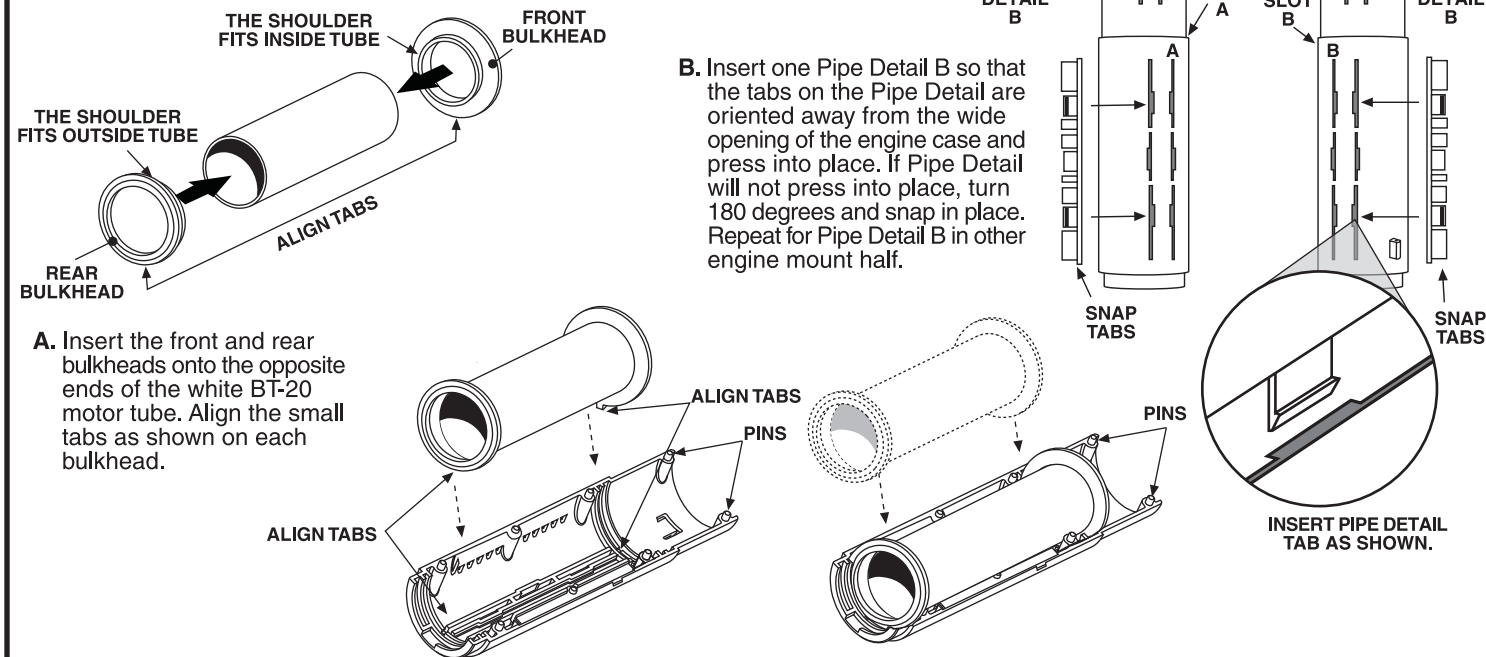
**PARTS** Locate the parts shown below and lay them out on the table in front of you. DO NOT USE THIS DRAWING TO ASSEMBLE YOUR ROCKET.



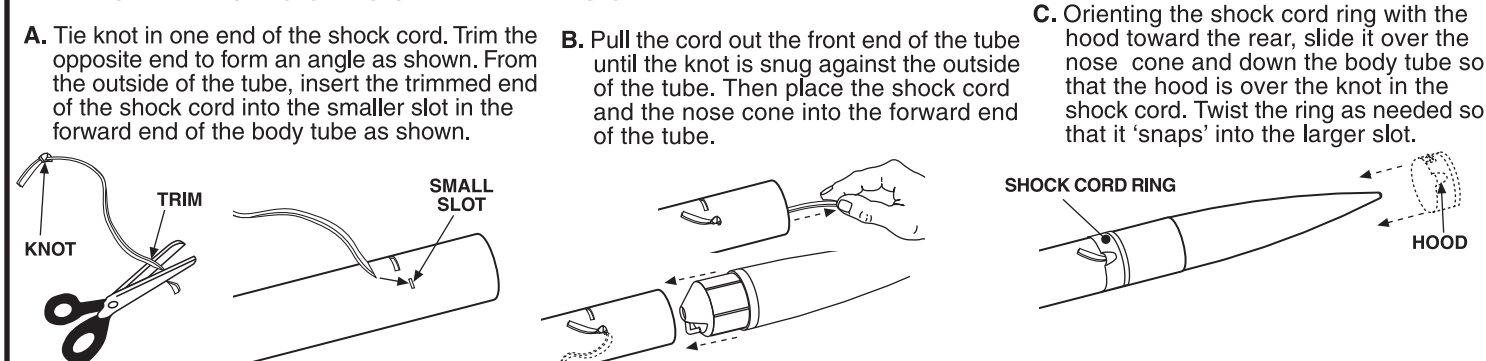
**SUPPLIES** In addition to the parts included in the kit you will also need:



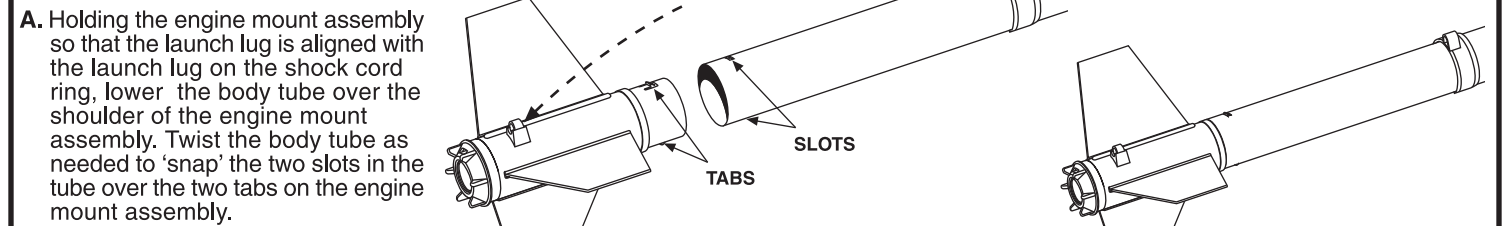
## 1. ASSEMBLE ENGINE MOUNT



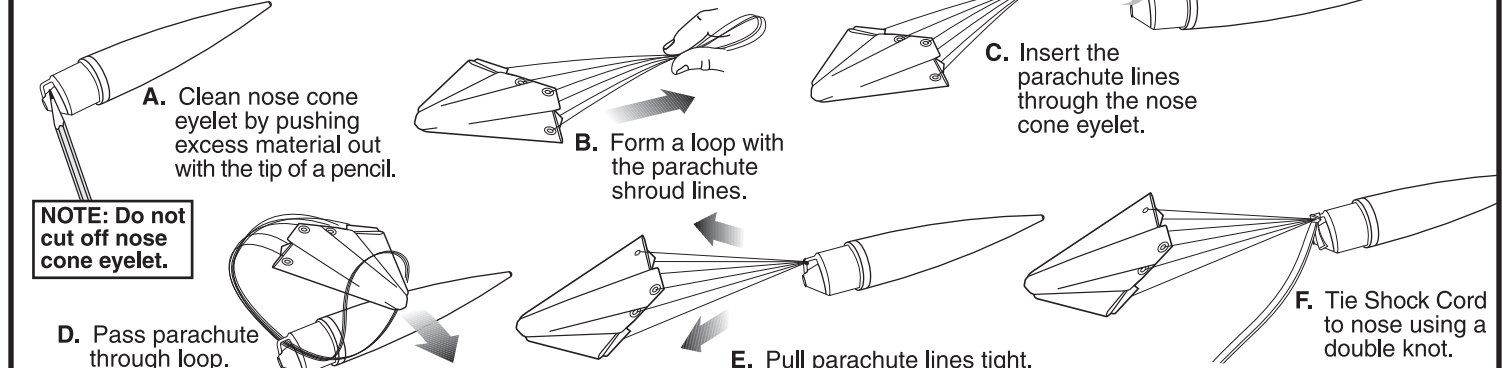
## 2. INSTALL SHOCK CORD AND LUG



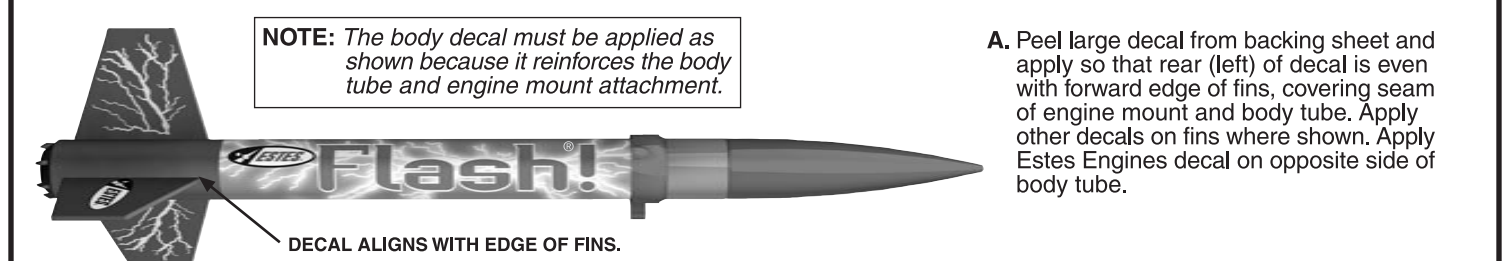
## 3. ASSEMBLE ROCKET BODY



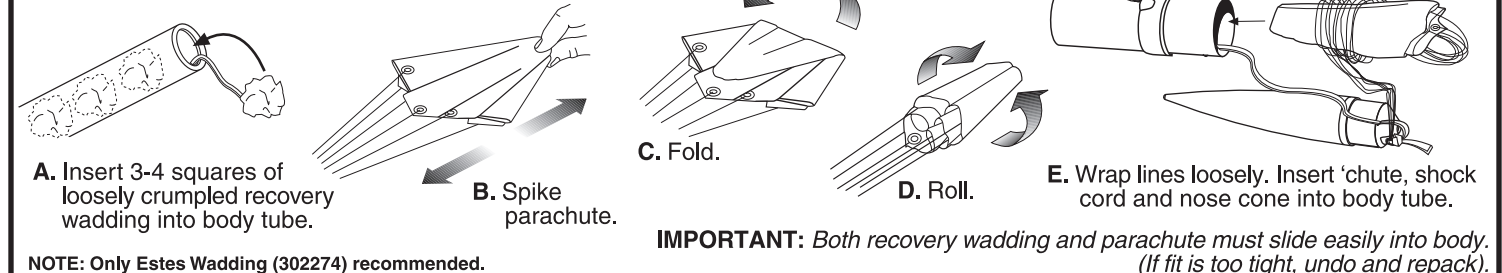
## 4. ATTACH PARACHUTE & SHOCK CORD



## 5. APPLY DECALS



## 6. PREPARE RECOVERY SYSTEM



## 7. PREPARE ENGINE

